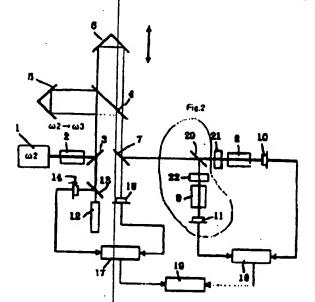
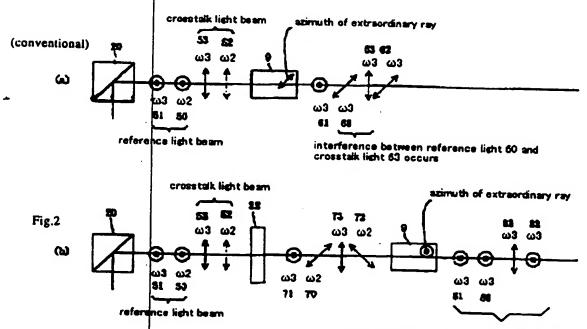
- 1) JP8-117083
- 2) Filed: Apr. 15, 1996
- 3) Inventors: Hitashi Kawai, Jun Kawakami, Kouichi Tsukihara
- 4)Comment:

Reduction of crosstalk caused by light leakage at polarization beam splitter.



- 1:light source for index measurement
- 2:SHG element (\omega 2→\omega 3)
- 4:polarization beam splitter
- 5:reference path
- 6:signal path
- 12: light source to mesure stage moving (like He-Nc laser)
- 17,18: phase meter
- 19:calculator
- 20 to 11: for reference path index measurement (refer to Fig.2)
- 20 to 10: for signl path index measurement



interference between 81 and 82 occurs, but it's negligible, because light intensity of 82 is very weak under the action of SHG element 9.

- 9: SHG element
- 20: polarization beam splitter
- 22: It acts like 1 plate for ω3, but also acts like λ/2 plate for ω2

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